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(71) Applicant (for all designated States except US): **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TERVALUOTO, Jussi-Pekka** [FI/FI]; Puulinnankatu 10D32, FIN-90570 Oulu (FI). **RUHA, Antti** [FI/FI]; Uistintie 21a, FIN-90550 Oulu (FI). **RUOTSALAINEN, Tarmo** [FI/FI]; Matilaisentie 5a1, FIN-90570 Oulu (FI).

(74) Agent: **COHAUSZ & FLORACK**; Bleichstrasse 14, 40211 Düsseldorf (DE).

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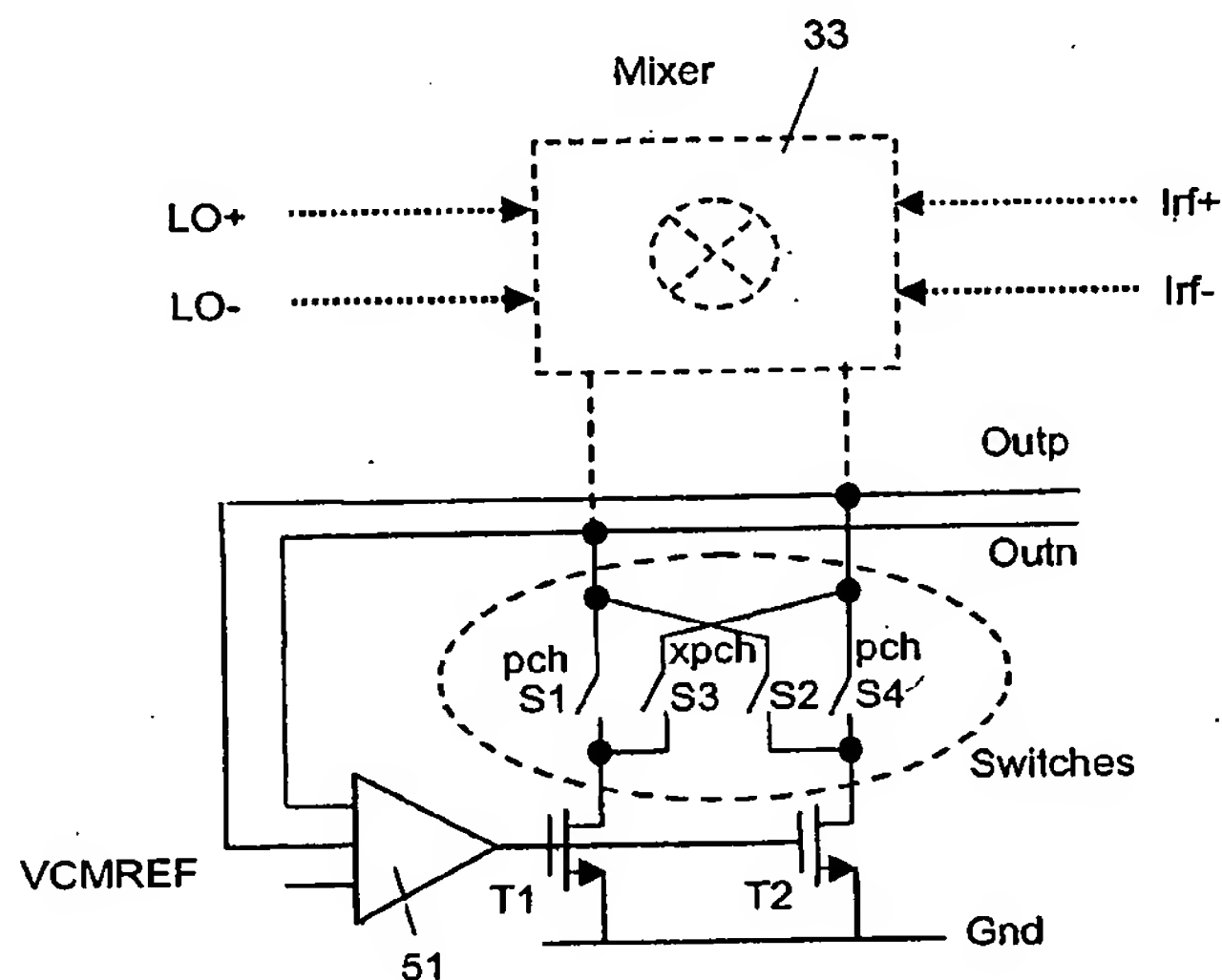
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(54) Title: MIXER CIRCUIT



(57) Abstract: The invention relates to a mixer circuit 31 comprising a down-conversion mixing component 33 arranged for down-converting an input radio frequency signal Irf+, Irf-. In order to improve such a mixer circuit, it is proposed that it comprises in addition an active mixer load circuit 34 connected to output terminals of the mixing component. The active mixer load circuit includes an active mixer load 51, T1, T2 and modulating means S1-S4 arranged for modulating a flicker noise produced by the active mixer load away from the signal band of a signal Ibb+, Ibb- output by the down-conversion mixing component. The invention relates equally to a receiver, a chip and a device comprising such a mixer circuit and to a method for use with such a mixer circuit.

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